

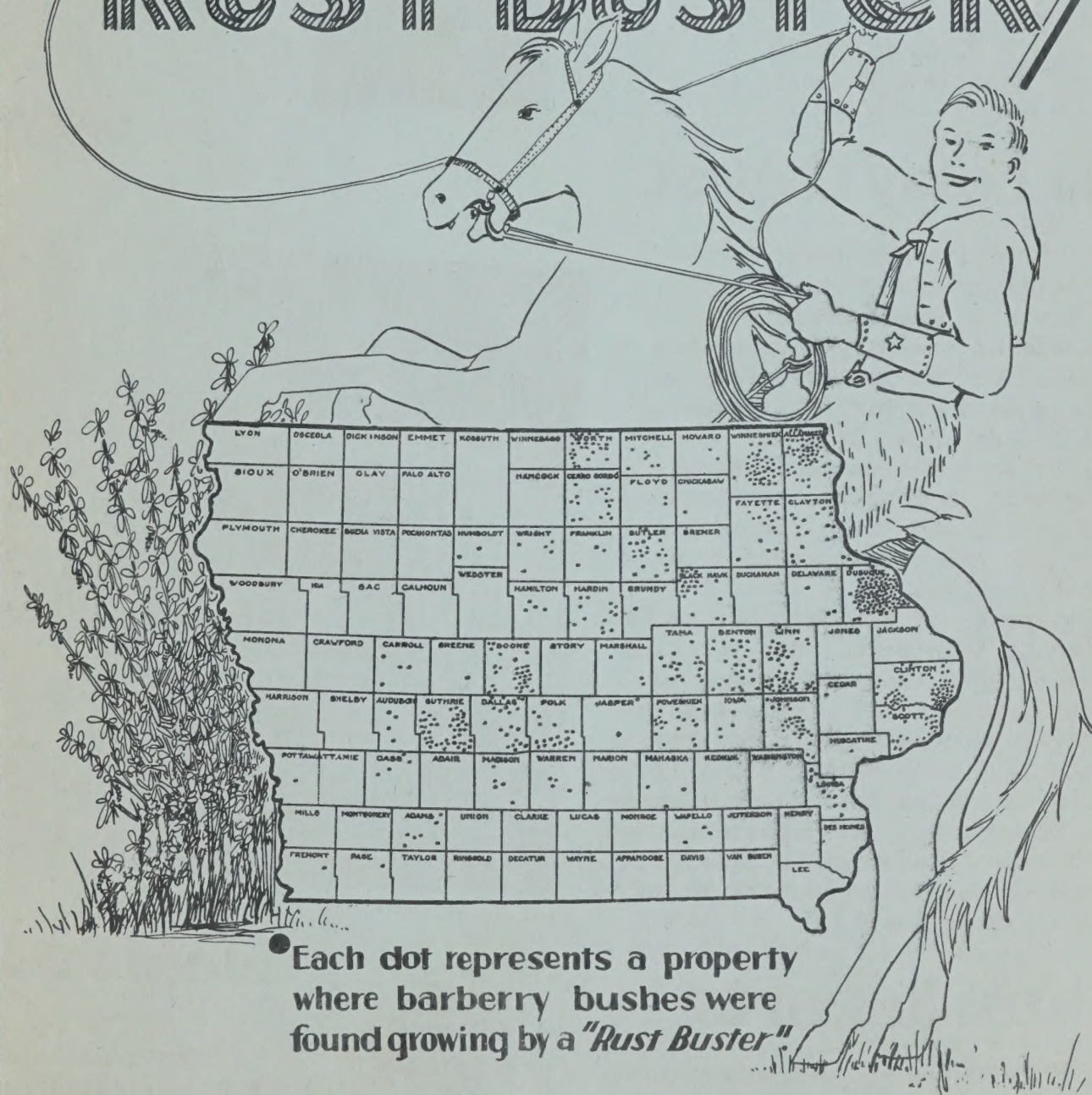
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THE IOWA RUST BUSTER



Can you find your report?

\\ The IOWA RUST BUSTER //

Circular letter for Iowa
boys and girls who are interested
in Black Stem Rust Control

Issued by
Division of Plant Disease Control
BUREAU OF ENTOMOLOGY & PLANT QUARANTINE
U. S. Department of Agriculture
Morrill Hall Ames, Iowa
D. R. SHEPHERD
Associate Pathologist



Esther Lueck

Didn't catch a smile but still she's happy. Why not? Esther's essay placed first in the upper division. She is from Dubuque County where there were a lot of bushes before the Rust Busters went to work. A good essay, Esther.

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Dubuque County

STATE ESSAY CONTEST

The Essay Contest

"Stop! Look! Read!
Black Stem Rust
Destroys Small Grains"

Just one of the many appropriate statements for the poster covers on the essays sent in for the contest. Very well done, Rust Busters. You are all to be complimented. We especially want to congratulate Esther, Arlyss, Rosie, and Bobby for having placed first and second respectively, in the contest.

Twenty-seven of the best essays are displayed on this page. Can you find yours or the one that was chosen to represent your school? Look closely and notice the novel poster covers. You would like them better still if you could see the bright color combination and the essay part. Each poster, you will note, tells a story in itself. The theme common to each seems to be "Bust Black Stem Rust".



More Reports

Many more barberry scalps have been added to our belts since the last Rust Buster pamphlet was published. This shows that Iowa Rust Busters are still on the job. The more than 100 new reports in 1935 swell the total for Iowa to 800. More than 75,000 bushes have been destroyed as a result of these reports.



Arlyss Goettel

"Two times a winner". A bronze medal for reporting a bush location and a gold medal for having placed first in the lower division of the essay contest. A real Rust Buster. Arlyss lives in Allamakee County.

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Rosie Hiembuck

Pupils, teacher, and all were happy when they learned that Rosie had placed second in the essay contest. They should be happy. It was a dandy essay and a dandy award. Rosie hails from Cerro Gordo County.



AY CONTEST



Bobby Colsch

Allamakee County also claims Bobby who placed second in the lower division. No smiles for the camera but still he was happy when he received the award. The school picnic was a lot more enjoyable for Bobby that day.



More Than 19,000,000 Bushes Destroyed!

In 1918 Iowa and 12 other States passed laws condemning the common barberry as the alternate host of black stem rust. It was definitely known that this disease spread from the stubble and wild grasses to the barberry and then to the small-grain crops, the barberry serving as the connecting link between the winter and summer stages. Since the passage of these laws more than 19 million of these bushes have been destroyed in 13 of the important grain-growing States. During this same period of time there has been a marked decline in the yearly stem rust loss as well as a complete elimination of local stem rust epidemics in many of the communities where the bushes have been destroyed.

So remember, Rust Busters, every bush you report is eventually destroyed and means one less place from which this disease can spread to grains and grasses.

Looking You Over



When you receive a service medal, a Rust Buster membership button, or a certificate of award, you should think of this man, D. G. Fletcher, of the Grain Rust Prevention Association. It is this organization that furnishes the awards you receive.

Mr. Fletcher sends a greeting to you boys and girls, and states that Rust Busters in the other States have been on the job too. More than 3,000 properties have been reported by boys and girls in the barberry eradication area. He lists the number of reports by States, as follows: Colorado, 33; Illinois, 343; Indiana, 139; Iowa, 800; Michigan, 730; Minnesota, 539; Montana, 31; Nebraska, 95; North Dakota, 23; Ohio, 95; South Dakota, 36; Wisconsin, 224; Wyoming, 11.

Three In One Family

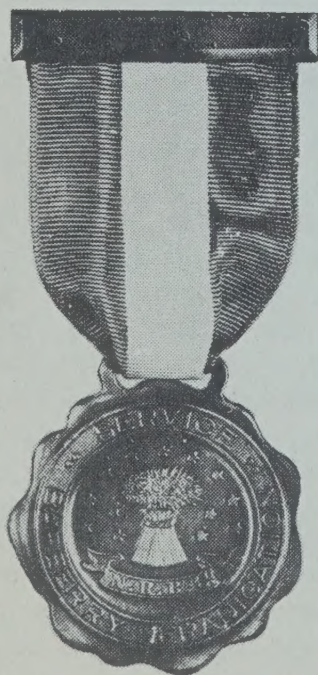


"A family affair", says Pat Van Wert, Butler County agricultural agent, as he accompanies the Shrage children into the field to look over one of the bushes reported by them. Edith, Robert, and Lester all qualified for the medal award by reporting separate properties where barberry bushes were growing. No barberries in a community when there are boys and girls like these around.

It's A Harmful Barberry



WHY



REPORT A
BARBERRY
BUSH
AND
RECEIVE
THIS
RUST
BUSTER
MEDAL

Send Reports to
BARBERRY ERADICATION OFFICE
Morrill Hall, Ames, Iowa

That's an easy question for these three Iowa boys who have been on the lookout for these Harmful bushes in the vicinity of their homes. You can tell the common barberry from other shrubs at any time of the year if you remember the following characteristics: The leaves have spiny-toothed edges, the thorns grow three or more at a place on the stem, the berries grow in bunches, the outside bark is gray and the inside bark and roots are bright yellow. Look for these rust-spreaders in the woods, along creeks, and along fence rows, in the woodlot, near the house, and around old deserted farmsteads. Check all bushes closely.

Why is this fall a good time to look for barberry bushes? At this time of the year many of the weeds and much of the underbrush in the woods are dying. Barberries hold their leaves longer than most other shrubs so that they will still be green and easy to see.